DOCUMENT RESUME

ED 365 700 TM 020 885

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TITLE Projections of Education Statistics to 2004. Pocket Projections.
INSTITUTION National Center for Education Statistics (ED), Washington, DC.
REPORT NO NCES-93-255
PUB DATE Oct 93
NOTE 13p.; For the full report, see ED 363 654.
PUB TYPE Information Analyses (070) -- Statistical Data (110)

EDRS PRICE MF01/PC01 Plus Postage.
DESCRIPTORS Census Figures; Degrees (Academic); *Educational Trends; Elementary School Teachers; Elementary Secondary Education; *Enrollment Projections; Expenditures; *Futures (of Society); Higher Education; *High School Graduates; *National Surveys; Population Trends; *School Statistics; Secondary School Teachers; Tables (Data); Teacher Student Ratio; Trend Analysis

ABSTRACT

"Pocket Projections" gives a sampling of what has happened in education in the last decade and what will happen in education over the next decade. In tabular form data are given for the following topics: (1) projected population; (2) elementary school and secondary school enrollment; (3) high school graduates; (4) classroom teachers; (5) pupil/teacher ratios; (6) expenditures; (7) higher education enrollment; (8) earned degrees; and (9) higher education expenditures. The figures are derived from data from the National Center for Education Statistics and the Census. The complete book "Projections of Education Statistics to 2004" provides additional information in these areas with supplemental tables. Ordering information for the complete report is included in this booklet. (SLD)

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Pocket Projections

NATIONAL CENTER FOR EDUCATION STATISTICS

ED 365 700

PROJECTIONS OF EDUCATION STATISTICS to 2004

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Each year, the National Center for Education Statistics (NCES) of the U.S. Department of Education publishes this pocket summary of projections of education statistics.

The following tables give a sampling of what will happen over the next decade. But there is far more you can learn.

The complete book ***Projections of Education Statistics to 2004*** provides the reader with NCES information on projected enrollment at all education levels; numbers of high school graduates, earned degrees conferred, and classroom teachers; and expenditures of public elementary and secondary schools as well as of institutions of higher education. In addition, there are some supplementary tables from other sources.

The book takes a look at topics such as

- What is going to happen to education in the next 10 years?
- How many students will be in school at every level?
- Is the average age of college students going to continue to rise?
- Should communities build schools or wait?

To receive a copy of the 172-page ***Projections of Education Statistics to 2004***, see the ordering information at the end of this booklet.

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Pocket Projections

PROJECTIONS OF EDUCATION STATISTICS TO 2004

William J. Hussar
National Center for Education Statistics

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"The purpose of the Center shall be to collect, analyze, and disseminate statistics and other data related to education in the United States and in other nations."—Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e–1).

October 1993

Pocket Projections
1981–1982 to 2003–2004

Characteristic	1981–82	1992–93 (estimate)	2003–04 (projected)	Percent change 1981–82 to 1992–93	Percent change 1992–93 to 2003–04
			Population[1]		
			(Numbers in thousands)		
5–13 years old	30,711	33,006	37,107	7	12
14–17 years old	15,610	13,649	16,277	-13	19
18 years old	4,186	3,307	3,918	-21	18
18–24 years old	30,505	26,063	27,563	-15	6
25–29 years old	20,275	20,278	17,431	(•)	-14
30–34 years old	18,798	22,343	19,684	19	-12
35–44 years old	26,454	39,973	44,336	51	11
			Elementary/secondary education		
			(Numbers in thousands)		
Enrollment					
Total	45,544	48,045	55,459	5	15
Public	40,044	42,670	49,280	7	15
Private	5,500	5,375	6,179	-2	15
Kindergarten–grade 8	31,380	35,157	39,713	12	13
Public	27,280	30,945	34,955	13	13
Private	4,100	4,212	4,758	3	13
Grades 9–12	14,164	12,888	15,746	-9	22
Public	12,764	11,725	14,325	-8	22
Private	1,400	1,163	1,421	-17	22

See footnotes on page 6.

Characteristic	1981–82	1992–93 (estimate)	2003–04 (projected)	Percent change 1981–82 to 1992–93	Percent change 1992–93 to 2003–04
		Elementary/secondary education			
		(Numbers in thousands)			
High school graduates					
Total	2,995	2,514	3,116	-16	24
Public	2,705	2,257	2,797	-17	24
Private	290	257	319	-11	24
Classroom teachers					
Total	2,440	2,814	3,268	15	16
Public	2,127	2,451	2,851	15	16
Private[2]	313	363	418	16	15
Elementary	1,404	1,738	1,943	24	12
Public	1,183	1,478	1,653	25	12
Private[2]	221	260	291	18	12
Secondary	1,037	1,076	1,325	4	23
Public	945	973	1,198	3	23
Private[2]	92	103	127	12	23
Pupil/teacher ratios[3]			(In units)		
Public					
Elementary	20.3	18.9	18.9	—	—
Secondary	16.9	15.2	15.0	—	—
Private					
Elementary[2]	18.6	16.2	16.4	—	—
Secondary[2]	15.2	11.3	11.2	—	—

Characteristic	1981–82	1992–93 (estimate)	2003–04 (projected)	Percent change 1981–82 to 1992–93	Percent change 1992–93 to 2003–04
		Elementary/secondary education			
Expenditures		(In billions of constant 1991–92 dollars)			
Current expenditures in public schools[4]	$148.5	$211.9	$284.4	43	34
Current expenditures per pupil in average daily attendance in public schools	$4,003	$5,352	$6,218	34	16
Average annual salaries for teachers in public schools	$28,306	$34,316	$38,572	21	12
		Higher education			
		(Numbers in thousands)			
Enrollment					
Total	12,372	14,558	15,802	18	9
Control of institution					
Public	9,647	11,377	12,365	18	9
Private	2,725	3,181	3,437	17	8
Type of institution					
4-year	7,655	9,060	9,816	18	8
2-year	4,716	5,498	5,986	17	9

Characteristic	1981–82	1992–93 (estimate)	2003–04 (projected)	Percent change 1981–82 to 1992–93	Percent change 1992–93 to 2003–04
		Higher education (Numbers in thousands)			
Enrollment (continued)					
Sex of student					
Men	5,975	6,654	7,161	11	8
Women	6,397	7,904	8,641	24	9
Age[2]					
19 years and under	2,959	2,813	3,528	-5	25
20–21 years old	2,539	2,718	3,061	7	13
22–24 years old	2,081	2,419	2,568	16	6
25–29 years old	1,995	2,123	1,901	6	-10
30–34 years old	1,263	1,528	1,379	21	-10
35 years and over	1,589	2,956	3,364	86	14
Attendance status					
Full-time	7,181	8,139	8,992	13	10
Part-time	5,190	6,419	6,810	24	6
Level					
Undergraduate	10,755	12,450	13,659	16	10
Graduate	1,343	1,790	1,830	33	2
First-professional	275	318	313	16	-2
Full-time-equivalent	9,015	10,454	11,448	16	10
Earned degrees					
Associate	435	497	560	14	13
Men	197	207	233	5	13
Women	238	290	327	22	13

Characteristic	1981–82	1992–93 (estimate)	2003–04 (projected)	Percent change 1981–82 to 1992–93	Percent change 1992–93 to 2003–04
		Higher education			
		(Numbers in thousands)			
Earned degrees (continued)					
Bachelor's	953	1,145	1,278	20	12
Men	473	529	598	12	13
Women	480	616	680	28	10
Master's	296	364	363	23	(*)
Men	146	170	170	17	(*)
Women	150	194	193	29	-1
Doctor's	33	41	41	26	(*)
Men	22	26	21	15	-17
Women	10	16	20	49	29
First-professional	72	74	74	3	(*)
Men	52	44	43	-16	-1
Women	20	30	31	51	2
Expenditures		(In billions of constant 1991–92 dollars)			
Current-fund expenditures	$103.3	$159.8	$214.0	55	34
Public	67.9	100.7	134.1	48	33
Private	35.4	59.1	79.9	67	35

Technical Notes

General Projection Methodology

Beginning with institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census, total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major projection techniques used to forecast these rates. Demographic assumptions used by NCES are consistent with Bureau of the Census middle series of population projections. Elementary and secondary expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and for details on data sources, see ***Projections of Education Statistics to 2004***.

— Not applicable

(*)Between -0.5 and 0.5.

[1]Population projections are from the middle series of population projections of the Bureau of the Census. Population data for 1992–93 are projected; all other 1992–93 data are estimated.

[2]Data for 1981–82 are estimated.

[3]Based on enrollment by organizational level.

[4]Excludes capital outlay and interest.

NOTE: Because of rounding, details may not add to totals. Percentages are based on unrounded numbers.

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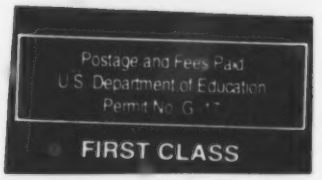

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